R-585-8-4-14
PRELIMINARY ASSESSMENT OF
LAUREL PIPE LINE COMPANY
PREPARED UNDER

TDD NO. F3-8406-14 EPA NO. PA-953 CONTRACT NO. 68-01-6699

FOR THE

HAZARDOUS SITE CONTROL DIVISION U.S. ENVIRONMENTAL PROTECTION AGENCY

APRIL 30, 1985

NUS CORPORATION SUPERFUND DIVISION

SUBMITTED BY

REVIEWED BY

APPROVED BY







	TABLE OF CONTENTS	ORIGINAL (Red)
SECTION		PAGE
1.0	INTRODUCTION	1-1
1.1	AUTHORIZATION	1-1
1.2	SCOPE OF WORK	1-1
1.3	SUMMARY	1-1
2.0	THE SITE	2-1
2.1	LOCATION	2-1
2.2	SITE LAYOUT	2-1 2-1
2.3 2.4	OWNERSHIP HISTORY SITE USE HISTORY	2 - 1 2 - 2
2.5	PERMIT AND REGULATORY ACTION HISTORY	
2.6	REMEDIAL ACTION TO DATE	2-2
3.0	ENVIRONMENTAL SETTING	3-1
3.1	SURFACE WATERS	3-1
3.2	GEOLOGY AND SOILS	3-1
3.3	GROUNDWATERS	3-1
3.4	CLIMATE AND METEOROLOGY	3-2
3 . 5	LAND USE	3-2
3.6	POPULATION DISTRIBUTION	3-2
3. 7	WATER SUPPLY	3-2
3.8	CRITICAL ENVIRONMENTS	3-3
4.0	WASTE TYPES AND QUANTITIES	4-1
5.0	FIELD TRIP REPORT	5-1
5.1	SUMMARY	5-1
5.2	PERSONS CONTACTED	5-1
5.2.1	PRIOR TO FIELD TRIP	5-1
5.2.2	AT THE SITE	5-1
5.3 5.4	SITE OBSERVATIONS EPA ASSESSMENT FORM	5-2
APPENDICES		
A	1.0 COPY OF TDD	A-1
В	1.0 MAPS AND SKETCHES1.1 SITE LOCATION MAP1.2 SITE SKETCH1.3 IDENTIFIED AREAS OF DISPOSAL	B-1

TDD No.: F3-8406-14

1.0 INTRODUCTION

ONIGINAL (Red)

1.1 Authorization

NUS Corporation performed this work under Environmental Protection Agency Contract No. 68-01-6699. This specific report was prepared in accordance with Technical Directive Document No. F3-8406-14 for the Laurel Pipe Line Company, Aliquippa site located in Beaver County, Pennsylvania.

1.2 Scope of Work

NUS FIT III was tasked to conduct a preliminary assessment of the Laurel Pipe Line Company, Aliquippa Site in Aliquippa, Pennsylvania.

1.3 Summary

The Laurel Pipe Line Company, Aliquippa Station, consists of a 214.023 acre, inactive gasoline tank farm, which was in operation from 1959 to 1983. When repairs were needed on a tank or when the product in the tank was going to be changed, the tank would be emptied and cleaned. The sludge from the bottom of the tanks was then disposed of on site. From 1963 to 1969 the sludge was buried, usually within the tank dike area; however, on 1 known occasion it was buried immediately outside the tank dike. From 1969 to 1977, the tank sludge was surface applied within the tank dike areas. Since 1977, the Laurel Pipe Line Company has had the sludge transported off site for proper disposal.

In 1983, the Aliquippa Station ceased operation. Tanks were emptied and the lines were purged with nitrogen. At the present time the plant is not operating, but the tank farm upkeep is excellent.

The Laurel Pipe Line Company presently holds an NPDES permit. Surface runoff is routed to a collection pond. In addition, each diked area has an outlet. Drainage from the dikes is controlled by valves located at the outlets. When the values are open (i.e., to drain rainwater, etc.), this drainage is also routed to the collection pond. The water from this pond is then released into a tributary to Raccoon Creek. There have been no known violations of this permit. To date, there has been no state involvement (i.e., inspections/sampling) from an ERIS standpoint. preliminary assessment of this site was conducted by FIT III on June 27, 1984.

ORIGINAL (Red)

Site Name: Laurel Pipe Line Peg.
TDD No.: F3-8406-14

2.0 THE SITE

2.1 Location

The Laurel Pipe Line Company, Aliquippa Station, is located on Tank Farm Road in Beaver County, Aliquippa, Pennsylvania. See appendix B, Site Location Map.

2.2 Site Layout

The Laurel Pipe Line Company, Aliquippa Station, site occupies 214.023 acres. The site can be accessed via an entrance road situated off Tank Farm Road. This entrance, however, is blocked by a gate which can only be opened using an access card or key. When entering the site, several tanks are located on the left (east) side of the entrance road. This road eventually leads to the Station House and Maintenance Building. The site houses 13 tanks, each of which is contained in an unlined diked area (see appendix B, Site Sketch).

A drainage system designed to collect all surface runoff, as well as any open dike drainage, is routed to a pond located west of the station. This pond is then allowed to empty into Raccoon Creek.

2.3 Ownership History

Prior to 1957, the property was divided into 2 parcels. According to Brian Jury of the Laurel Pipe Line Company, approximately 143 acres were owned by a Mr. Paul Stietler. Approximately 77 acres were owned by Mr. and Mrs. Joseph Telecz. On November 22, 1957, both parcels were purchased by the Laurel Pipe Line Company. Laurel Pipe Line Company stockholders include, Gulf Oil, Texaco, and BP Ohio.

TDD No.: F3-8406-14

2.4 Site Use History

It is believed that the property had been used as farmland until 1957 when it was purchased by the Laurel Pipe Line Company. Tank farm construction began

immediately, and the plant was operating by March 23, 1959.

Petroleum products were pumped from the Delaware state line to Ellswood, Ohio,

via the Laurel pipeline. From the Delaware state line to Mechanicsburg,

Pennsylvania, the pipeline measures 24 inches in diameter. From Mechanicsburg, a

20-inch diameter line runs to Duncansville, Pennsylvania, near Altoona. The

product is then pumped via an 18-inch diameter line to the Aliquippa Station. It

then continues on the Ellswood, Ohio, via a 14-inch diameter line.

The Aliquippa Station houses 13 gasoline storage tanks in unlined diked areas.

On July 1, 1983, the Laurel Pipe Line Company ceased pumping gasoline to Ohio.

In October 1983, all tanks were emptied and all lines to the Aliquippa Station were

purged with nitrogen. At the present time the Aliquippa Station is not in

operation.

2.5 Permit and Regulatory Action History

The Laurel Pipe Line Company presently holds an NPDES permit (PA No. 0043125)

for the discharge from the holding pond into Raccoon Creek. There is no

knowledge of any past regulatory action against the Aliquippa Station.

2.6 Remedial Action To Date

To date, there has been no remedial action taken at the site.

2-2

ORIGINAL (Red)

TDD No.: F3-8406-14

3.0 ENVIRONMENTAL SETTING

3.1 Surface Waters

ORIGINAL (Red)

Drainage from the site is routed to a holding pond in the southwest corner of the site. This holding pond then discharges into an unnamed tributary adjacent to the site. The tributary eventually flows into Raccoon Creek which is located approximately 5,500 feet east of the Laurel Pipe Line site.

3.2 Geology and Soils

There is no site-specific subsurface data currently available to NUS FIT III for the subject site. According to Dennis Miller, a local driller, at least 1 well has been installed on the subject site. However, the log of this well has not been made available.

The Pennsylvania Department of Environmental Resources (PA DER) well inventory logs for Independance Township indicate that wells in the area draw water from sandstone and shales of the Pennsylvania aged Conemaugh Group. Based on PA DER well inventory, average well depth in the vicinity appears to be approximately 150 feet.

The Greater Pittsburgh Region Geologic Map indicates that the Ames Limestone, which separates the Casselman Formation from the Lower Glenshaw Formation, crops out some 100 feet below the elevation of the site. Depth to consolidated rock varies from 10 to 40 feet.

According to Jesse Council, of the Beaver County Soil Conservation Service, the soil type on the site is Urban Land Arants Complex. Permeability is variable due to the nature of the disturbed soil.

3.3 Groundwaters

There are no monitoring wells on site and records of the 1 known production well were not made available to NUS; therefore, information on site-specific depth to groundwater or flow direction cannot be determined. In addition, regional groundwater trends cannot be assessed as it is not known whether the water levels reported by PA DER represent water table or potentiametric levels.

TDD No.: F3-8406-14

ORIGINAL (ROO)

Water levels in area wells range from 27 feet (well elevation 1,180) to 136 feet (well elevation 1,130) below the surface. Depth to water bearing zones reported on well inventories indicate area wells intercepted aquiferous units in both the Casselman and Glenshaw formations.

3.4 Climate and Meteorology

Winters are cold and snowy at high elevations in Beaver County. The average temperature at this time of year is 30° F. Summers are fairly warm on mountain slopes and very warm to hot in the valleys. In summer, the average temperature is 70° F.

The total annual precipitation is 38 inches. Average seasonal snowfall is 38 inches.

3.5 Land Use

Open fields and farmland surround the Laurel Pipe Line, Aliquippa Station. Raccoon Creek State Park is located approximately 4,000 feet from the subject site.

3.6 Population Distribution

Residents of farms account for the entire population within a 1-mile radius of the Aliquippa Station. The population within 1 mile of the site is estimated at 250. The population within 3 miles of the site is estimated at 2,052.

3.7 Water Supply



Site Name: Laurel Pipe Line Co. TDD No.: F3-8406-14

3.8 Critical Environments

There are no known critical environments in the area of the Laurel Pipe Line site.

TDD No.: F3-8406-14



4.0 WASTE TYPES AND QUANTITIES

While in operation, the Laurel Pipe Line's gasoline tanks were cleaned out only when repairs were necessary or when the products in the tank were going to be changed. Although these cases were infrequent, an estimated 45,360 gallons of leaded tank bottoms were disposed of on site. Waste disposal records are sketchy; however, the following information was gathered by Brian Jury, the Western District Superintendent for Laurel Pipe Line Company:

In keeping with the accepted disposal methods at the time, from 1963 to 1969 the sludge was buried on site, usually within the tank dike area. There is, however, I known burial location outside the dike walls. This area, as noted in site observations, is approximately 3 by 8 feet, with unknown depth. From 1969 to 1977 the tank sludge was surface applied within the tank dike area to promote aeration. In 1977, Laurel Pipe Line Company ceased on-site disposal activities and began the transporting of sludge by AMO Pollution Service in Canonsburg, Pennsylvania, for proper disposal.

At the present time, the Laurel Pipe Line, Aliquippa Station, is not in operation.

The chemical make-up of the sludge is unknown. No sampling activities have ever taken place at the subject site.

ORIGINAL REDJ

TDD No.: F3-8406-14

5.0 FIELD TRIP REPORT

5.1 Summary

On June 27, 1984, a preliminary assessment of the Laurel Pipe Line Company, Aliquippa Station, was conducted by NUS personnel Marcia Irwin and Richard Callahan. The NUS members were accompanied by Brian Jury, William Hine, of Laurel Pipe Line Company, and Michael Watson of the PA DER. The temperature at the time of the site visit was approximately 65°F. The sky was overcast and cloudy.

5.2 Persons Contacted

5.2.1 Prior to Field Trip

Brian Jury Western District Superintendent Laurel Pipe Line Company 469 Moon Clinton Road Coraopolis, PA 15108 (412) 264-7432

5.2.2 At The Site

Brian Jury Western District Superintendent Laurel Pipe Line Company 469 Moon Clinton Road Coraopolis, PA 15108 (412) 264-7432

William Hine Station Operations Supervisor Box 79 Tank Farm Road Aliquippa, PA 15001 May be contacted through Brian Jury (412) 378-2791 - Aliquippa (412) 264-7432 - Coraopolis

Michael D. Watson Environmental Quality Specialist Department of Environmental Resources Bureau of Solid Waste Management Second Floor - Municipal Building Eighth Avenue and 15th Street Beaver Falls, PA 15010 (412) 846-2050

Michael D. Watson Environmental Quality Specialist Department of Environmental Resources Bureau of Solid Waste Management Second Floor - Municipal Building Eighth Avenue and 15th Street Beaver Falls, PA 15010 (412) 846-2050

TDD No.: F3-8406-14



5.3 Site Observations

- o NUS representatives met with Brian Jury at the Laurel Pipe Line office, located on Moon and Clinton Road at 8:00 A.M.
- At 8:30 A.M. the NUS team, accompanied by Brian Jury, arrived on site at the Aliquippa Station.
- Mr. William Hine, the station's Operations Supervisor, pointed out the known disposal areas.
- o A burial area was located immediately outside the dike area of Tank No. 29. It was evident that the ground had been disturbed in this area. The disturbed area seemed to be approximately 3 by 8 feet.
- Tank No. 30 showed evidence of surface application of the sludge within the dike area. The approximate dimensions of the area are 5 by 12 feet.
- Surface application was also apparent within the dike areas of Tank Nos. 31 and 33.
- The holding pond appeared cloudy and showed early signs of euthrophication. Bass and Blue Gill fish were thriving.
- A fence was noted running through the middle of the pond. This fence is used to prevent clogging of the discharge pipe.
- The diked areas hold 1-1/2 times the tank volume.
- The tank farm is very clean and extremely well kept.
- The Laurel Pipe Line, Aliquippa Station, is completely surrounded by a fence that is approximately 7 feet high.

TDD No.: F3-8406-14

- No HNU readings above background were noted.
- No radiation readings above background were noted. 0
- The ground surface within the diked areas appeared to be a fine soil.



POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION

SITE NUMBER (to be as signed by Hq)

VNAL

III

PA-953

			1						
NOTE: This form is completed for each potential hazardous was submitted on this form is based on available records and may be and on-site inspections.	ste site to help updated on su	set priorities for sosequent forms as	site inspe a result o	ction. The information of additional inquiries					
GENERAL INSTRUCTIONS: Complete Sections I and III through Assessment). File this form in the Regional Hazardous Waste L Agency; Site Tracking System; Hazardous Waste Enforcement To	og File and su	brait a copy to: U.	S. Enviro	nmental Protection					
I. SITE IDE	NTIFICATION								
A. SITE NAME	,	other identifier)							
Laurel Pipe Line Company, Aliquippa Station P.O. Box 79, Tank Farm Road									
C. CITY D. STATE E. ZIP CODE F. COUNTY NAME Aliquippa PA 15001 Beaver									
G. OWNER/OPERATOR (if known)	177	13001		24701					
1. NAMELaurel Pipe Line Company			2. TELE	PHONE NUMBER					
Bran Jury - Western District Superintendent			(412)	264-7432					
H. TYPE OF OWNERSHIP			<u> </u>						
1. FEDERAL 2. STATE 3. COUNTY 4. MUNI	CIPAL X 5.	PRIVATE6. U	ликиожи						
I. SITE DESCRIPTION									
ite is a gasoline tank farm.									
J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.)		K. DATE IDENTIFIED							
Not ification of Hagardous Wasta Penart submitte	d to EPA			(mo., day, & yr.) unknown					
Not ification of Hazardous Waste Report submitte	d to BI A			unknown					
L. PRINCIPAL STATE CONTACT 1. NAME			2. TELE	PHONE NUMBER					
Michael Watson - Environmental Quality Specialis	st		(412)	846-2050					
II. PRELIMINARY ASSESSME	NT (complete t	his section last)	l						
A. APPARENT SERIOUSNESS OF PROBLEM									
1. HIGH 2. MEDIUM X 3. LOW 4. NONE	5.	ЛИКИОМИ							
B. RECOMMENDATION									
1. NO ACTION NEEDED (no hazard)		NATE SITE INSPECTATIVELY SCHEDU							
a. TENTATIVELY SCHEDULED FOR:	b. WIL	BE PERFORMED	BY:						
b. WILL BE PERFORMED BY:									
	X 4. SITE	INSPECTION NEEDS	ED (low pri	ority)					
C. PREPARER INFORMATION				· · · · · · · · · · · · · · · · · · ·					
1. NAME		3. DATE (mo., day, & yr.)							
Marcia Lynn Irwin - NUS Corp.		7/17/84							
III. SITE IN	FORMATION								
A. SITE STATUS 1. ACTIVE (Those industrial or	I Ta. OTHER	(specify):							
1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)	Those sites t	hat include such inc		"midnight dumping" where aste disposal has occurred.)					
B. IS GENERATOR ON SITE?									
1. NO X 2. YES (specify gene	erator's four—dig	it SIC Code):							
C. AREA OF SITE (in acres) D. IF APPARENT SERIOUSN									
1. LATITUDE (degminsee 40° 34' 00"	rc•) _.	2. LONGITU 80°	19' 50"	min.—sec.)					
E. ARE THERE BUILDINGS ON THE SITE?									
i. NO X 2. YES (specify): Facility of	peration bui	lding, mainten	nance bi	uilding					

ORIGINAL (Red)

Coi	ntinued From Front	1,,					_					برسانا حمجه نست			
IV. CHARACTERIZATION OF SITE ACTIVITY Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.															
	dicate the major sit	e ac	tivity(i		ails	s relating to each a	cti	vity by marking 'X' i	n ti	ne app		riate boxes	3.		
'x'	A. TRANSPOR	TEF	?	×1	₽.	STORER	×	C. TREATER	₹		'x'	С), c	DISPOSER	
	1. RAIL			1. PILE				1. FILTRATION				1. LANDFI	LL		
	2. 5HIP				_	IMPOUNDMENT		2. INCINERATION				2. LANDFA	_		
Н	3. BARGE			3. DRUM	5		\perp	3. VOLUME REDUCTI	ОИ			3. OPEN D	UM	P	
	4. TRUCK			4. TANK	, A E	OVE GROUND		4. RECYCLING/RECO	VE	RY		4. SURFAC	SURFACE IMPOUNDMENT		
Ш	5. PIPELINE			5. TANK	, BE	LOW GROUND		5. CHEM./PHYS. TRE	AT	MENT		5. MIDNIGH	I T	DUMPING	
Щ	6. OTHER (specify):		- 1	6. OTHE	R (4	pecify):		6. BIOLOGICAL TREA				6. INCINERATIO		TION	
								7. WASTE OIL REPRO	CE		_	7. UNDERGROUND INJECT			
							8. SOLVENT RECOVERY K 8. OTHE 9. OTHER (specify): Sludge applied			udge bu	ıri	ed or land			
V	E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED When tanks needed repair or if product in tank was to be changed, the tanks were emptied. Sludge on the bottom of the tanks was disposed of on site. Sludge was buried or surface applied. Most disposal took place within tank dike area.														
Г				- -		V. WASTE RELAT	E	INFORMATION	•						
Α.	WASTE TYPE							January 11011							
]1. UNKNOWN	2.	LIQUID		3. S	OLID X 4. :	SLL	JDGE5. G	AS						
В.	WASTE CHARACTER	RIST	ICS								-				
	1. UNKNOWN	2.	CORROS	IVE:	3. 10	SNITABLE4.	RAI	DIOACTIVE5. H	IGH	LY VO	LA	TILE			
[2	6. ΤΟΧΙC]7 .	REACT	VE	3. 11	IERT9.	FL	AMMABLE							
	10. OTHER (specify):														
	WASTE CATEGORIE				-		-								
	. Are records of wast														
R	Records can be	ob	tained	from L	auı	rel Pipe Line C	01	mpany							
2	. Estimate the amo	unt	specify	unit of me	asu	re) of waste by cat	ego	ory; mark 'X' to indic	ate	which	we	astes are p	res	sent.	
	2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present. a. SLUDGE b. OIL c. SOLVENTS d. CHEMICALS e. SOLIDS f. OTHER														
AM	OUNT	AM	OUNT		A٨	MOUNT	Ā	MOUNT	AN	ACUNT			A٨	OUNT	
4	5,360						L		_				L		
	· ·	UN	TOFM	EASURE	U١	IT OF MEASURE	UNIT OF MEASURE UNIT OF MEASURE UNIT OF M		IT OF MEASURE						
g	allons														
,x,	(1) PAINT, PIGMENTS	'X'	(1) OIL Y WAST		'x'	(1) HALOGENATED SOL VENTS	1.7	(1) A CIDS	'x'	(1) FL	YAS	н	'X'	(1) LABORATORY PHARMACEUT.	
	(2) METALS SLUDGES	Р	(2) OTH	ER(specify)		(2) NON-HALOGNT (SOLVENTS		(2) PICKLING LIQUORS		(2) A S	BES	TO 5		(2) HOSPITAL	
	(3) POTW				F	(3) OTHER(specify)		(3) CAUSTICS		(3) MIL MIN		NG/ TAILINGS		(3) RADIOACTIVE	
	(4) ALUMINUM SLUDGE							(4) PESTICIDES		(4) FE	RRO	OUS . WASTES		(4) MUNICIPAL	
	(5) OTHER(specify):							(8) DYES/INKS		(5) NO	N-F	ERROUS . WASTES	\vdash	(8) OTHER(specify):	
	eaded tank ottoms							(6) CYANIDE	-	(6) OT	HEF	R(specify):			
								(7) PHENOLS							
								(8) HALOGENS							
								(9) PCB							
								(10) METALS							
							F	(11) OTHER (specify)							

V. WASTE	RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

Lead

ORIGINA (Red)

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

Tank farm is not long in operation.

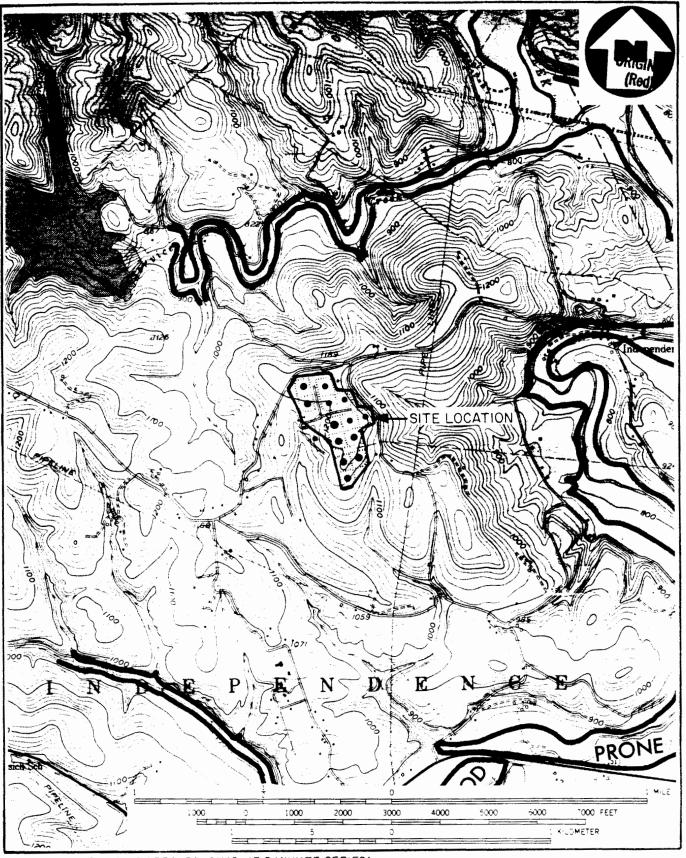
		VI. HAZ	ARD DESCRIPTI	ION
A. TYPE OF HAZARD	B. POTEN- TIAL HAZ'ARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo.,day,yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH	X			Local residents utilizing groundwater may be affected if contaminants migrate off site.
3. NON-WORKER NJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION F. OF WATER SUPPLY	х			Several homes wells are located in the area.
6. OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER	Х			If lead migrates, runoff from site is eventually released to Raccoon Creek.
8. CONTAMINATION OF SURFACE WATER	X			same as above
9. FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL	Х		1963-1969	Sludge was buried onsite some in dike are some outside dike area.
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				,
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES			1	
21. MIDNIGHT DUMPING				
2 2. OTHER (specify):				

Continued From Front			ORIGINAL					
		VII. PERMIT INFORMATIO	ON (Red)					
A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.								
	_							
X 1. NPDES PERMIT	2. SPCC PLAN	3. STATE PERMIT (specify):	Permit No. PA-0043125					
4. AIR PERMITS	5. LOCAL PERMIT	6. RCRA TRANSPORTER						
7. RCRA STORER	8. RCRA TREATER	9. RCRA DISPOSER						
10. OTHER (specify)):							
B. IN COMPLIANCE?	_							
X 1. YES	2. NO	3. UNKNOWN						
		•						
4. WITH RESPECT	TO (list regulation name & r	umber):						
		III. PAST REGULATORY ACT	IONS					
X A. NONE	B. YES (summarize	below)						
	IX. IN	SPECTION ACTIVITY (past or	on-going)					
TV1								
X A. NONE	B. YES (complete ite							
1. TYPE OF ACTIV	2. DATE O		4. DESCRIPTION					
	(mo., day, &							
		1 1						
		1	·					
	X.	REMEDIAL ACTIVITY (past or	r on-going)					
[Z] . NOVE	C - N-A							
A. NONE		ms 1, 2, 3, & 4 below)						
1. TYPE OF ACTIV	2. DATE O	ON BY:	4. DESCRIPTION					
	(mo., day, &	yr.) (EPA/State)						
		1						
NOTE: Based on the	e information in Section	ns III through X, fill out the	Preliminary Assessment (Section II)					
	on the first page of this							
	F P							

ORIGINAL (Rod)

APPENDIX A

APPENDIX B

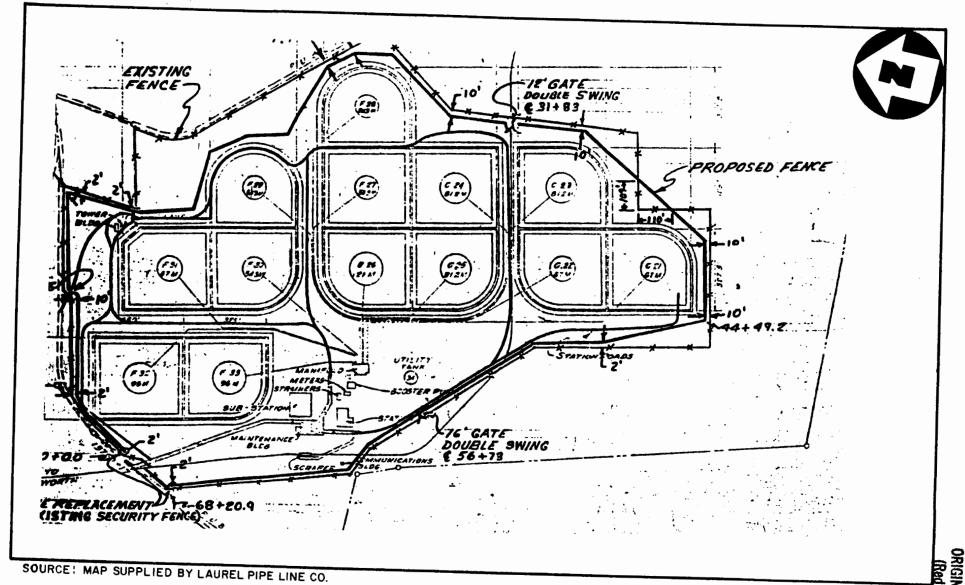


SOURCE: USGS ALIQUIPPA, PA. QUAD. (7.5 MINUTE SERIES)

SITE LOCATION MAP LAUREL PIPE LINE - ALIQUIPPA STATION, ALIQUIPPA, PA.

SCALE 1:24000

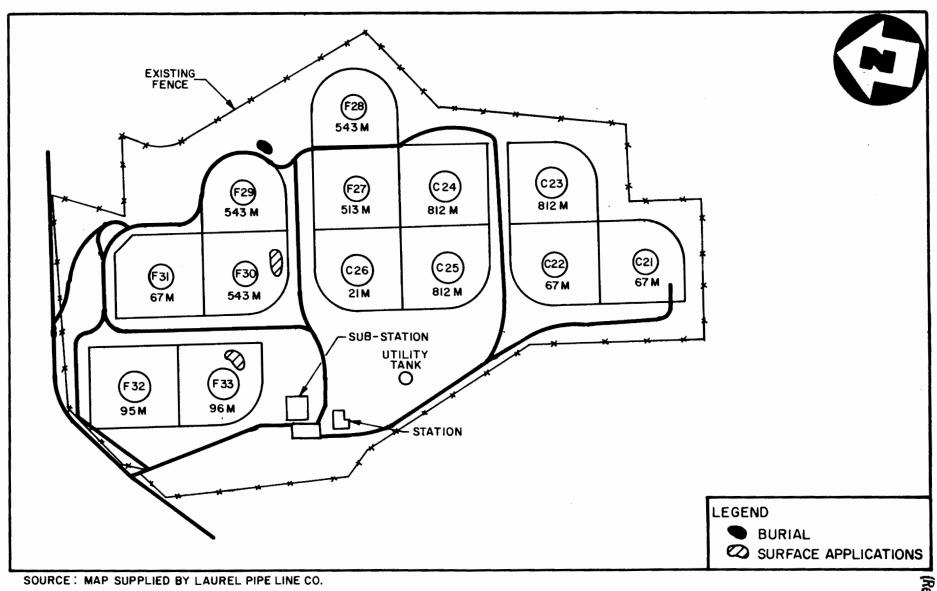




SITE SKETCH LAUREL PIPE LINE - ALIQUIPPA STATION, ALIQUIPPA, PA. (SCALE UNKNOWN)

FIGURE 2 CORPORATION A Halliburton Company

11



IDENTIFIED AREAS OF DISPOSAL

LAUREL PIPE LINE -ALIQUIPPA STATION, ALIQUIPPA, PA.

(SCALE UNKNOWN)

